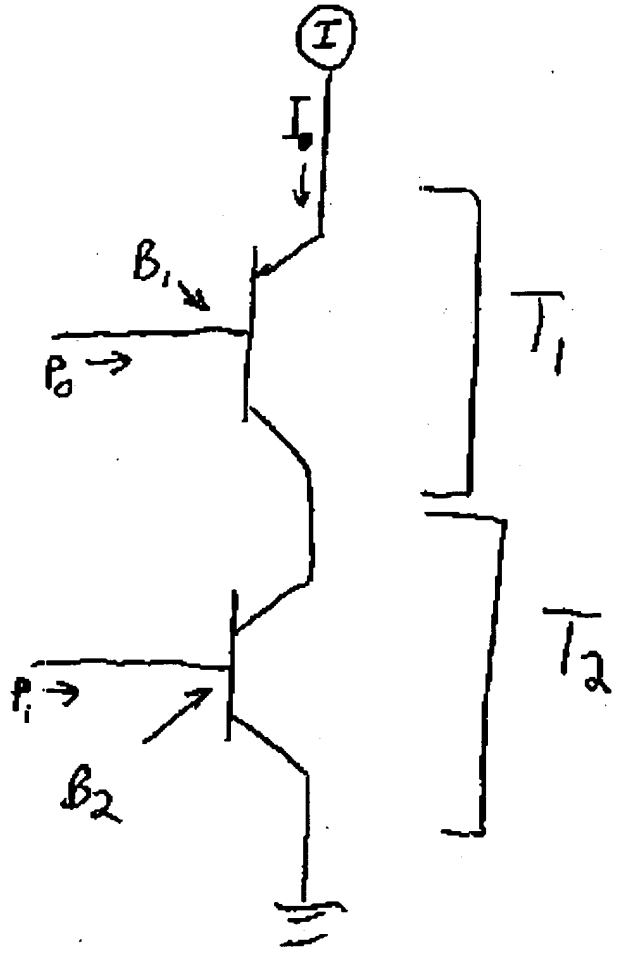

Fig. 1

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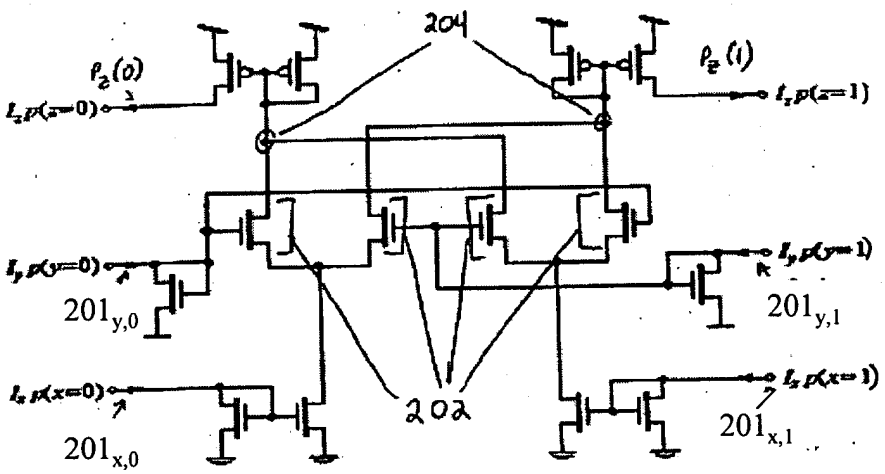


Fig. 2

300

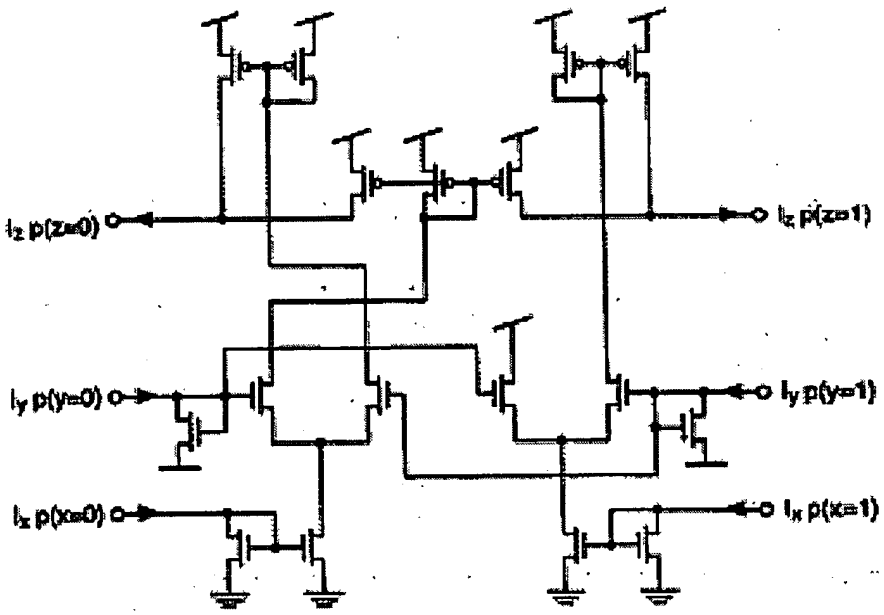
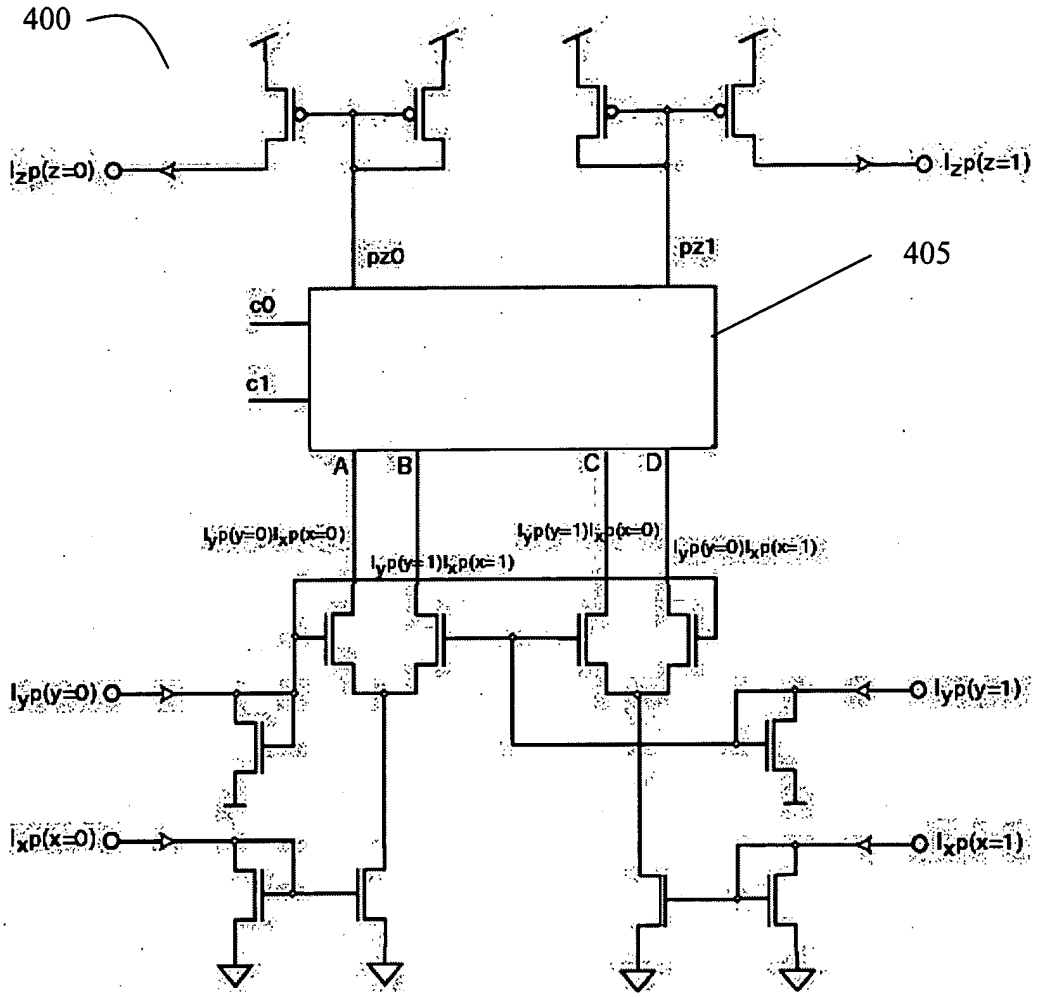


Fig. 3


400
405
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$I_{zp}(z=1)$
pz0
pz1
c0
c1
A
B
C
D
$I_{yp}(y=0)I_{xp}(x=0)$
$I_{yp}(y=1)I_{xp}(x=0)$
$I_{yp}(y=0)I_{xp}(x=1)$
$I_{yp}(y=1)I_{xp}(x=1)$
$I_{yp}(y=0)$
$I_{yp}(y=1)$
$I_{xp}(x=0)$
$I_{xp}(x=1)$

Fig. 4

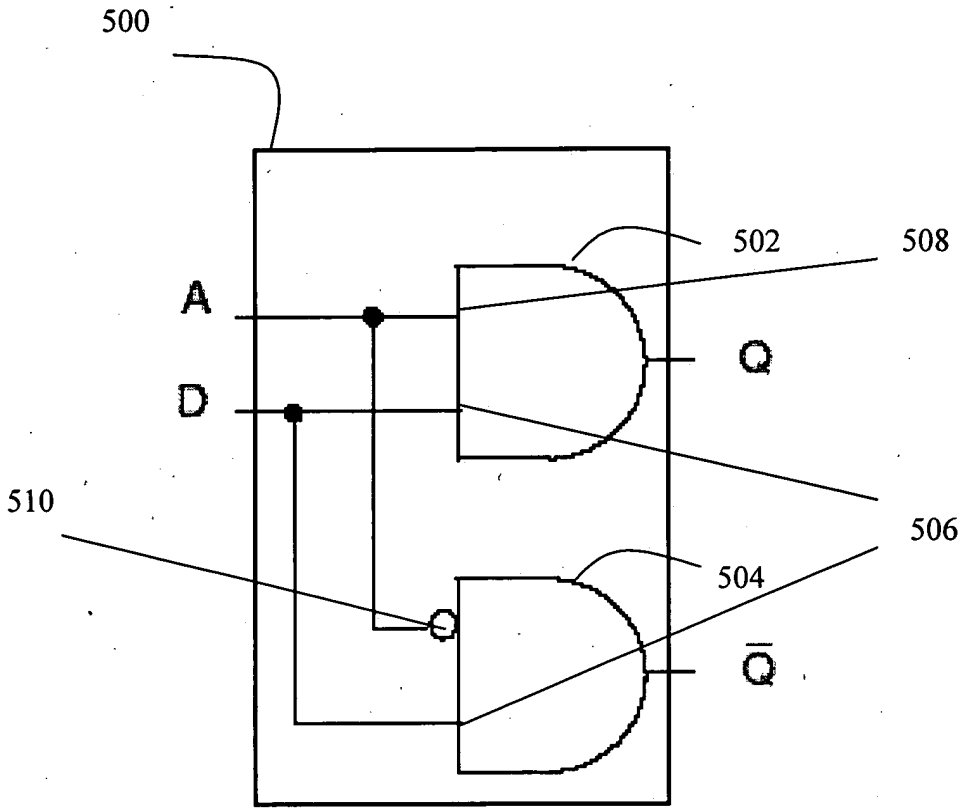
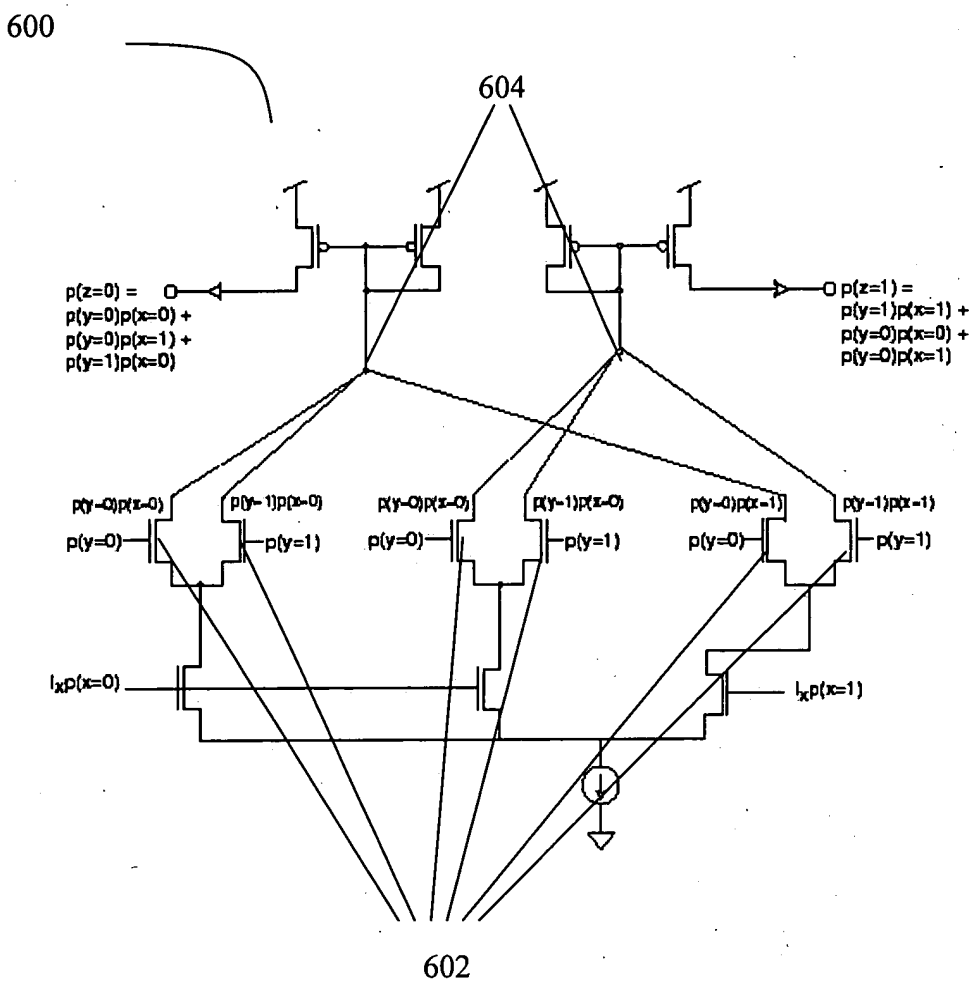


Fig. 5


600
604
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p(y=0)p(x=1) +
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p(y=1)p(x=1) +
p(y=0)p(x=0) +
p(y=0)p(x=1)
p(y=0)p(x=0)
p(y=1)p(x=0)
p(y=0)p(x=0)
p(y=1)p(x=0)
p(y=0)p(x=1)
p(y=1)p(x=1)
p(y=0)
p(y=1)
p(y=0)
p(y=1)
p(y=0)
p(y=1)
$I_X p(x=0)$
$I_X p(x=1)$
602

Fig. 6

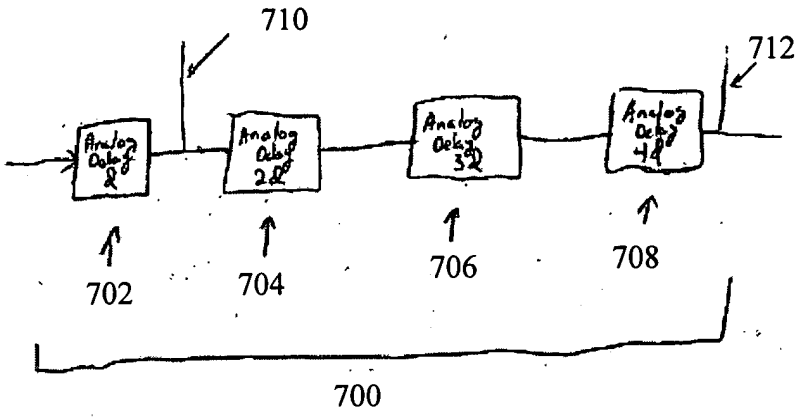

710
712
Analog Delay 8
Analog Delay 16
Analog Delay 32
Analog Delay 48
702
704
706
708
700

Fig. 7

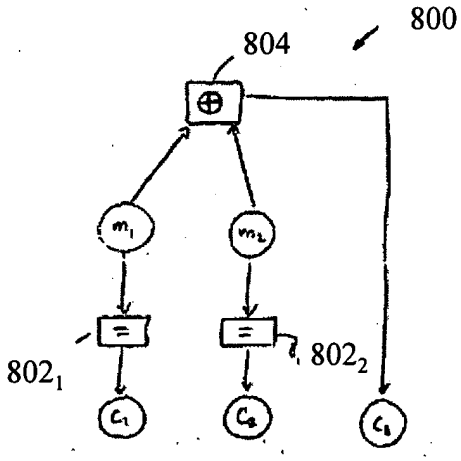

800
804
m_1
m_2
802_1
802_2
c_1
c_2
c_3

Fig. 8

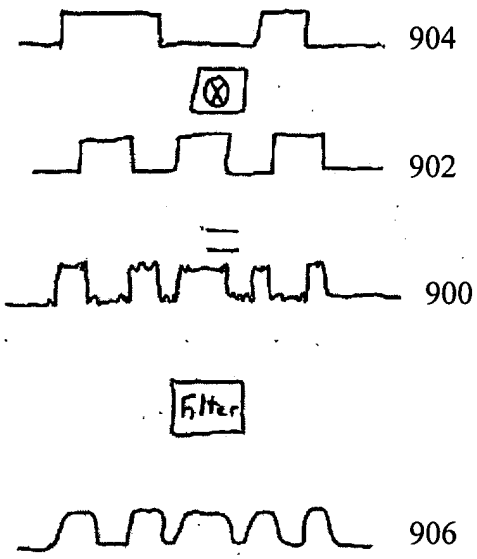
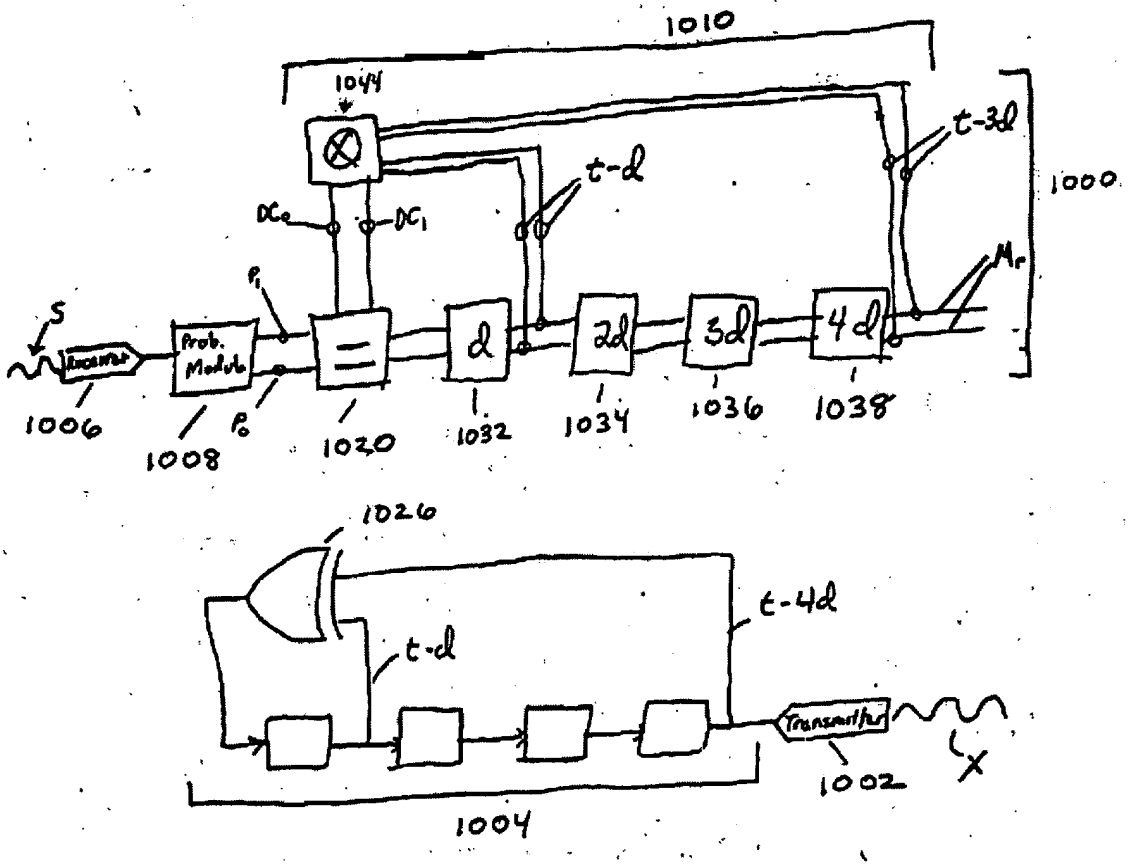


Fig. 9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1044
t-3d
t-d
1000
DC0
DC1
P1
M1
S
Encoder
Prob. Module
P0
=
d
2d
3d
4d
1006
1008
1020
1032
1034
1036
1038
1026
t-4d
t-d
Transmitter
1002
1004

Fig. 10